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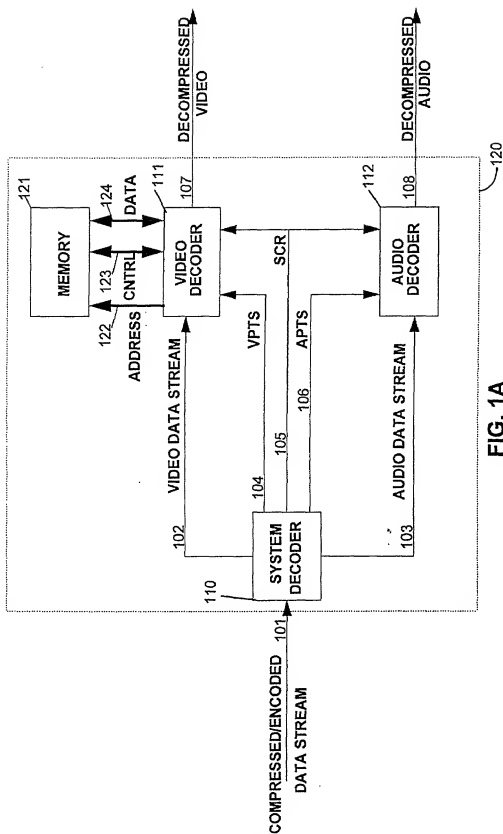


FIG. 1A
(PRIOR ART)

1230112 00000000

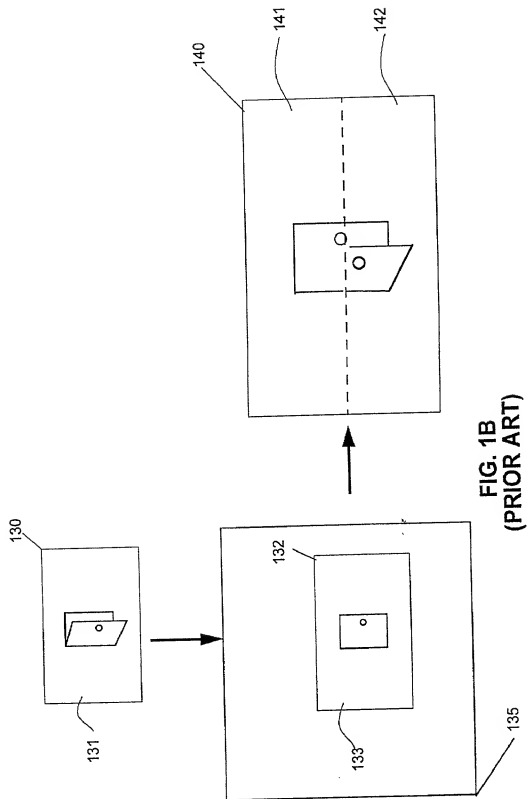


FIG. 1B
(PRIOR ART)

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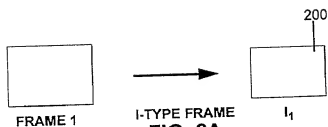


FIG. 2A
(Prior Art)

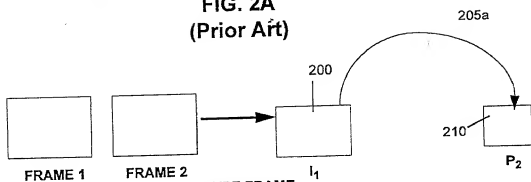


FIG. 2B
(Prior Art)

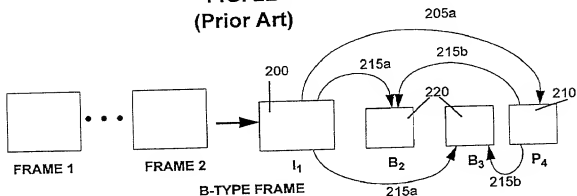


FIG. 2C
(Prior Art)

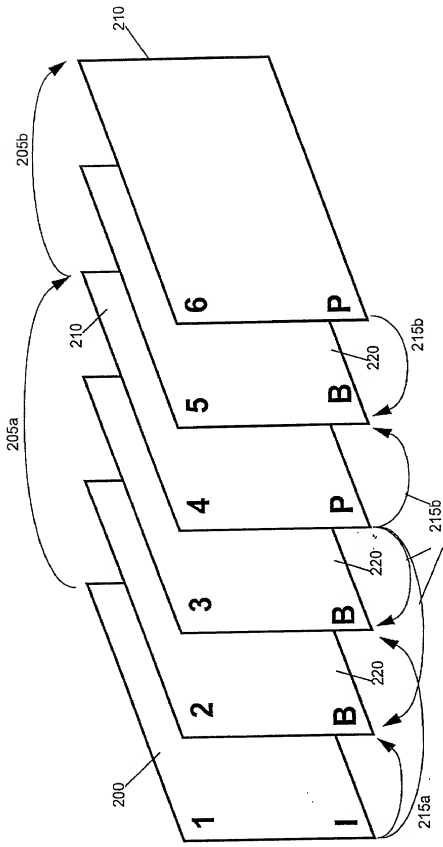


FIG. 2D
(Prior Art)

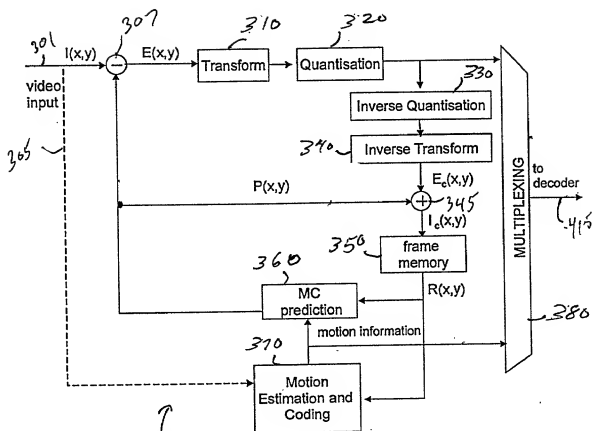


FIG. 3
(Prior Art)

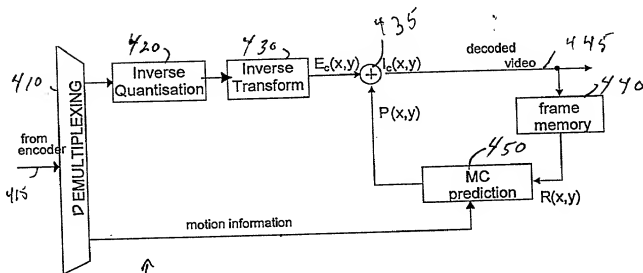


FIG. 4
(Prior Art)

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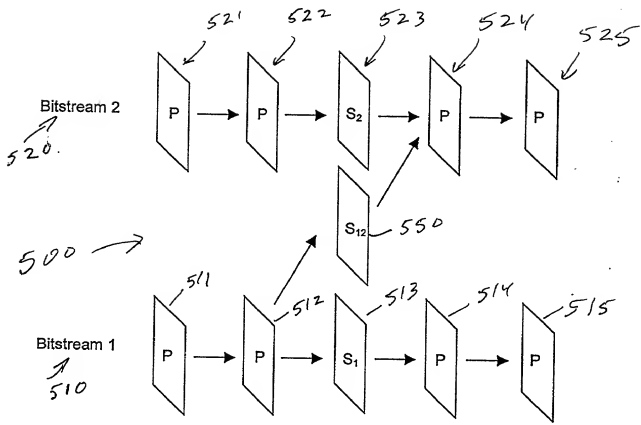


FIG. 5

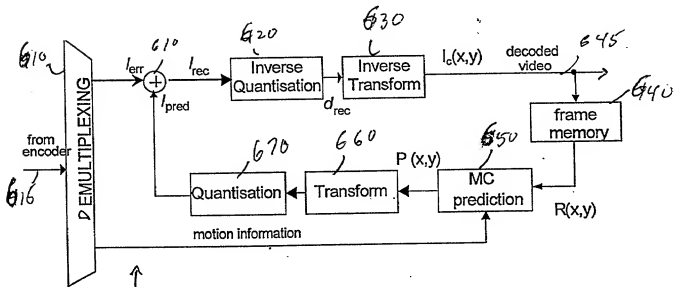


FIG. 6

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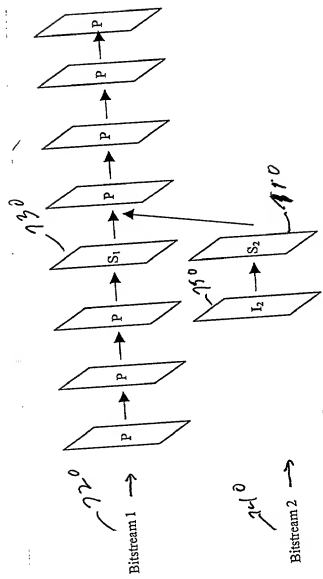


Figure 7: Random access using SP-pictures.

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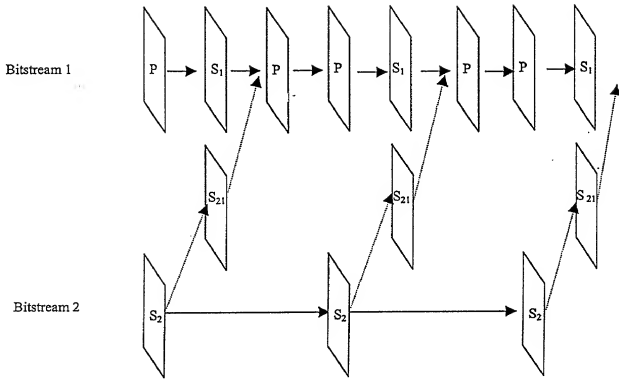


Figure 8: Fast-forward using SP-pictures.

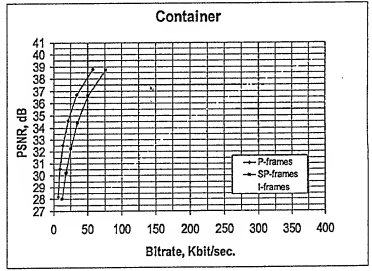
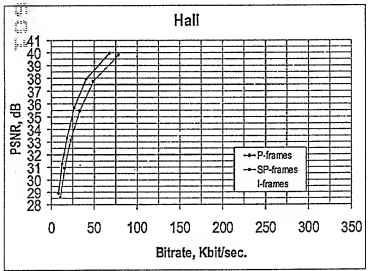


Figure 9: Comparison of coding efficiencies of I, P and SP-pictures.

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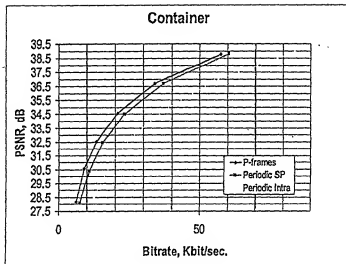
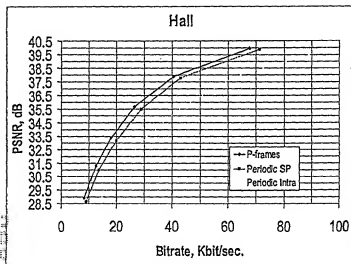


Figure 10 Comparison of performance of SP and I-pictures when used at fixed 1sec. intervals.

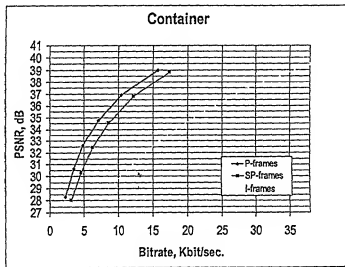
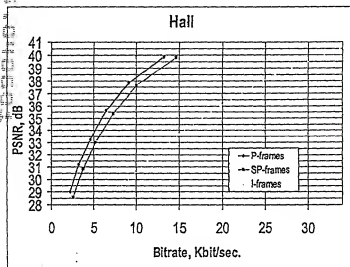


Figure 11 Performance of SP and I-frames in Fast-Forward application, 1sec. intervals.